



AUGUST 2014

# @ the Bradbury

Special Events & News

## Save the Date!

**AUG 8** **Downtown Friday Night**  
**5:00 PM to 7:30 PM**

### **The Human Body**

Assemble a skeleton, identify organs, and test your reflexes

**AUG 13** **Brown Bag Lecture**  
**Noon to 1:00 PM**

### **Wildlife Monitoring on the Pajarito Plateau**

**AUG 21** **Science on Tap**  
**5:30 PM to 7:00 PM**

@ Blue Window Bistro  
813 Central Avenue  
Los Alamos, NM

**AUG 22** **Robotics Night**  
**5:00 PM to 8:00 PM**

Featuring robots of all sizes and uses like Bomb Squad and HazMat robots, SumoBots, Legobots, and so much more!

## Science Cinema

**Every Saturday @ 10:30 AM**

Featuring a different science film each week. Great for kids!

## Join Us at



**September 5-13, 2014**

*Los Alamos ScienceFest* features a week of interactive activities, creative competitions, dynamic speakers, community tours, exhibits and educational-flavored social gatherings to engage families and youth in science. In addition to what the rest of the community is planning, the museum is participating in this special event by hosting a number of activities including daily lectures, a reverse engineering workshop for kids, and an introduction to some of our Scientist Ambassadors from the Scientist Ambassador Academy. Be sure to mark your calendars for these events!

For more information and the full schedule, visit:  
<http://www.losalamossiencefestival.com/>

## What We're Planning:

### **Climate Resilience Lecture Series**

**Sept. 9-12, 2014**

**5:30 PM DAILY**

### **Kids' Reverse Engineering Workshop\***

*\*Registration required*

**Sept. 10, 2014**

**12:30 PM TO 3:30 PM**

### **NMPBS Science Café**

**Sept. 13, 2014**

**10:30 AM TO 12:30 PM**



1350 Central Avenue  
Los Alamos, NM 87544

(505) 667-4444  
[www.lanl.gov/museum](http://www.lanl.gov/museum)

# BROWN BAG @ the Bradbury

## Wildlife Monitoring on the Pajarito Plateau



**Audrey Smith,  
Emily Phillips,  
& Maria Musgrave**

*Undergraduate Students  
Los Alamos National Laboratory*

Many people do not realize that in addition to the typical mission-critical research conducted at Los Alamos National Laboratory, maintaining a healthy, well-rounded local ecosystem is also one of the Lab's top priorities. Los Alamos' wetlands support unique biodiversity and supply a number of species with vital sources of water. Through the Wetland Wildlife Camera Project and the Avian Nestbox Network (ANN), Laboratory researchers have been monitoring the local bird and wildlife population's feeding habits, reproductive success, nestling sex ratios, immunological changes, physical changes in eggs, and parasite loads in order to evaluate the effects of Lab operations and other environmental stressors.

In this talk, three undergraduate students assigned for the summer to the Environmental Stewardship Services group will discuss the results of their work including what these monitoring systems are telling us about our effects on local wetlands and wildlife.

Admission is free and open to the public. Bring your lunch and join us for this special presentation.



**Wednesday  
August 13**

**Noon to 1:00 PM**

**Bradbury Science  
Museum Auditorium**

## DOWNTOWN FRIDAY NIGHT



August 8 – 5:00 PM to 7:30 PM

### **The Human Body**

Play with hands-on activities from the Pacific Science Center that will teach you all about the human body. Assemble a skeleton, identify organs, and test your reflexes. This event is free and suited for all ages.

August 22 – 5:00 PM to 8:00 PM

### **Robotics Night**

This evening features the return of one of our most popular events. The fun includes robots of all different sizes, shapes and uses from Legobots and SumoBots to Bomb Squad and HazMat robots. Don't miss it!



# SCIENCE ON TAP



August 21 – 5:30 PM to 7:00 PM

Be sure not to miss the next installment of “Science on Tap” at the Blue Window Bistro in downtown Los Alamos where Bryce Tappan will talk about what Lab scientists have recently discovered about the chemical kinetics of burning nanoaluminum particles. That beer can you’re holding is not going to spontaneously burst into flames, but under the right circumstances aluminum does catch fire, and the exact mechanism that governs

how, has long been a mystery. “On Tap” happens every Thursday evening starting at 5:30 PM, with science featured on the third Thursday of every month. Other weeks include topics on nature, art, and history.

To subscribe to our monthly newsletter, visit the museum’s website at:  
[www.lanl.gov/museum/events/events-mailing.shtml](http://www.lanl.gov/museum/events/events-mailing.shtml)

**Subscribe  
to our  
Newsletter**



## Mark Your Calendars!

# August 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2 <b>Science Cinema Saturday</b> 10:30 AM
3	4	5	6	7	8 <b>Downtown Friday Night</b> Human Body 5:00 to 7:30 PM	9 <b>Science Cinema Saturday</b> 10:30 AM
10	11	12	13 <b>Brown Bag Lecture:</b> Wildlife Monitoring on the Pajarito Plateau Noon to 1 PM	14	15	16 <b>Science Cinema Saturday</b> 10:30 AM
17	18	19	20	21 <b>Science on Tap</b> @ Blue Window Bistro 5:30 to 7:00 PM	22 <b>Robotics Night</b> 5:00 to 8:00 PM	23 <b>Science Cinema Saturday</b> 10:30 AM
24	25	26	27	28	29	30 <b>Science Cinema Saturday</b> 10:30 AM

## About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory's current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.



**Hours: Tuesday – Saturday: 10:00 AM to 5:00 PM, Sunday & Monday: 1:00 PM to 5:00 PM**